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EXAMINER

TRUONG, CAM Y T

ART UNIT

PAPER NUMBER

2162

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Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/091,496

Applicant(s)

YUASA ET AL.

Examiner

Cam Y T. Truong

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2162

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 08 October 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-11 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-11 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. Applicant has amended claims 1-11 and canceled claims 12-14 in the amendment filed on 8/10/2005.

Claims 1-11 are pending in this Office Action.

Title

2. The title and abstract are filed on 8/10/ 2005 is accepted.

Response to Arguments

3. Applicant's arguments with respect to claims 1-4, and 11 have been considered but are moot in view of the new ground(s) of rejection.

First, applicant argued that Call and Tsimelzon do not teach the claimed limitation "employing an information sharing apparatus coupled with an information transmitting apparatus for transferring information and an information viewing apparatus for viewing said information through a network; receiving an access from the information transmitting apparatus or the information viewing apparatus by the information sharing apparatus; storing both an identifier for identifying the transmitting apparatus and customization information for determining an indication form of the information, in such a way that the identifier and the customization information are associated with each other, receiving the information and the identifier from the information transmitting apparatus, storing the received information in storage units corresponding the identifier, receiving from the information viewing apparatus a request for viewing partial information included in the stored information, searching for customization information corresponding to an identifier of said

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partial information; indicating on said information viewing apparatus said partial information in an indication form determined based on said customization information retrieved as a result of said search”.

Second, applicant argued that Call and Khemlani do not teach the claimed limitation “sending a menu information to the transmitting apparatus when the information sharing apparatus accepts the information transmitting apparatus as a transmitter and when customization for the information transmitting apparatus has been granted; and sending a menu information to the transmitting apparatus when the information sharing apparatus accepts the information transmitting apparatus or the information viewing apparatus as a transmitter and when customization for the information transmitting apparatus or the information viewing apparatus has been granted”.

Third, applicant argued that Call and Khemlani do not teach “sending a menu information to the transmitting apparatus when the information sharing apparatus accepts the information transmitting apparatus and the information viewing apparatus as a transmitter and when customization for the information transmitting apparatus and the information viewing apparatus has been granted”.

Finally, applicant argued that Call and Khemlani do not teach “allows for the transmitter which request access to such data to received customize data depending upon the transmitter”.

Response

In response to the first applicant's argument, Examiner respectfully disagrees the entire allegation as argued. In previous office action, Examiner gave detail explanation of claimed limitation and pointed out exact locations in the cited prior art (Call):

Call teaches the claimed limitations

"employing an information sharing apparatus coupled with an information transmitting apparatus for transferring information and an information viewing apparatus for viewing said information through a network" as displaying stored information in computer server to any user such as resellers or other after a user requests the information shows an information indicating method. The information is transferred by a computer manufacture to the computer server. A computer server is represented as an information sharing apparatus. The manufacture computer is represented as an information transferring apparatus for transferring information products to the computer server. Each user computer is represented as an information viewing apparatus (col. 5, lines 60-67; col. 6, lines 55-60; col. 9, lines 5-13);

"receiving an access from the information transmitting apparatus or the information viewing apparatus by the information sharing apparatus" as in response to a search request from the customer user, the shared sales server 430 provides a list products to the customer or user. The above information

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shows that the shared sales server 430 receives the request from a user computer (col. 23, lines 15-30; col. 27, lines 25-32);

"storing both an identifier for identifying said transmitting apparatus and customization information for determining an indication form of said information" as receiving and storing a URL and records in a relational database. The URL is translated to IP address that identifies the manufacture computer. Thus, in this case, the URL is used to identify the manufacture computer. The information or company information, which is contained in a registration template record 207, is used to create records in three separate tables in the relational database: a company table, a URL table and a cross-reference table. The above information shows that the company information is customized and stored company table. Thus, the company table, which is used to determine a web page or HTML page for displaying information, is presented as customization information (fig. 2, col. 7, lines 48-52; col. 5, lines 65-67; col. 6, lines 55-60; col. 9, lines 5-13; col. 10, lines 10-15);

"in such a way that said identifier and said customization information are associated with each other" as receiving and storing a URL and records in a relational database. The information or company information, which is contained in a registration template record 207, is used to created records in three separate tables in the relational database: a company table, a URL table and a cross-reference table. Storing created records in tables 112 and 115 shows that these tables are customized. The above information shows that these tables are stored in such a way that these tables and URL are

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associated with each other. These tables are represented customization information (fig. 2, col. 5, lines 65-67; col. 6, lines 55-60);

"receiving said information and said identifier from said information transmitting apparatus" as receiving a URL and company information from manufacture computer (col. 5, lines 65-67; col. 6, lines 1-15);

"receiving from said information viewing apparatus a request for viewing partial information included in said stored information" as the cross-reference table 215 can be scanned by the product code translator in response to a request for certain universal product codes only. This request can be a user from the user computer. The above information shows that the product translator receives a request for viewing the product codes only. The product codes are represented as partial information (col. 9, lines 38-40);

"searching for customization information corresponding to an identifier of said partial information" as the cross-reference table 215 can be scanned by the product code translator in response to a request for certain universal product codes only. This request can be a user from the user computer. The above information shows that the product translator receives a request for viewing the product codes only. The product codes are represented as partial information (col. 9, lines 38-40)

"indicating on said information viewing apparatus said partial information in an indication form determined based on said customization information retrieved as a result of said search" as it can respond to a request for information about a particular participating manufacturer and return to the

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requester the information in the company table 211 as well as the specification of all of the registered universal product codes assigned to that participating manufacturer and the IP address (or URL) of the location where further information on the products designated by the registered universal product codes may be obtained. Responding the information to a request shows indicating information. The above information shows that the system has included a web page or a HTML page for responding information to a user (col. 8, lines 55-62; col. 9, lines 5-13; col. 10, lines 10-15).

In response to the second applicant's argument, Khemlani teaches a user accesses a web site hosted on processor 110 or server using his/her respective user name and password. When the customization option is selected from the navigation area, the system recognizes whether the user is an authorized internal user or an authorized external user and displays a customization window accordingly. When the user is recognized as an internal user, a Customization window 700 is page displayed which includes a group of administrative customization features as shown in fig. 7. Since each time the internal user logons the server, the internal user has to transmit his/her user name and password from his/her computer to the server; thus, the internal user is represented an transmitter. The above information shows that the processor or server accepts the internal user or the internal user's computer as a transmitter and grants the internal user customization of the displayed page or window. The customization window 700 is represented as menu

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information. The internal user's computer is presented as said information transmitting apparatus. The processor or server is represented as said information sharing apparatus (fig. 1, col. 3, lines 29-35; col. 13, lines 53-59).

In response to the third applicant's argument, the claimed limitation "sending a menu information to the transmitting apparatus when the information sharing apparatus accepts the information transmitting apparatus and the information viewing apparatus as a transmitter and when customization for the information transmitting apparatus and the information viewing apparatus has been granted" is not recited in claims 1, 5 and 11. However, claim 1 just recites the claimed limitation "sending a menu information to said transmitting apparatus when said information sharing apparatus accepts said information transmitting apparatus or said information viewing apparatus as a transmitter and when customization has been granted".

In response to the final applicant's argument, Khemlani teaches a user accesses a web site hosted on processor 110 or server using his/her respective user name and password. when customization option is selected by an internal user from the navigation area, the system recognizes whether the user is an authorized internal user or an authorized external user and displays a customization window accordingly. When the user is recognized as an internal user, a customization window 700 is displayed which includes a group of administrative customization features as shown in fig. 7. Since each time the

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internal user logons the server, the internal user has to transmit his/her user name and password from his/her computer to the server; thus, the internal user is represented as a transmitter. The above information shows that the server allows the internal user as the transmitter access to data to receive customized data depending upon the transmitter (fig. 1, col. 3, lines 29-35; col. 13, lines 53-59).

In view of the above, the examiner contends that all limitations as recited in the claims have been addressed in this Action.

For the above reason, the examiner believed that rejection of the last office action was proper.

Claim Objections

4. Claim 11 is objected to because of the following informalities: There is an "each record" as indicated on page 5, line 4. However, in page 5, line 14, the phrase "said records" is recited. Thus, this phrase should be written as "said record". Appropriate correction is required.

Claim Rejections - 35 USC § 112

5. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

6. Claim 11 recites the limitation "said information sharing apparatus" in page 7, lines 7-8. There is insufficient antecedent basis for this limitation in the claim.

Claim Rejections - 35 USC § 102

7. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

8. Claims 5, 6, 9 and 10 are rejected under 35 U.S.C. 102(e) as being anticipated by Khemlani et al (or hereinafter "Khemlani") (US 6772146).

As to claim 5, Khemlani teaches an apparatus for mediating in a customized form to share information between a transmitter site and a viewer site (modifying content of a web page to share content between administrator web site and a user web site. The administrator administers the web site hosted on processor 110 for sending information to a user terminal. Thus, The administrator web site is represented as a transmitter site. The user web site is represented as a viewer site. The web page is represented as customized form. The content is represented as information; col. 3, lines 55-65; col. 4, lines 18-27, col. 2, lines 1-4), said apparatus comprising:

"storing means for storing information that can be indicated, for each record to predetermined storage units" as storing a user name, password and the name of the company that can be displayed for each user profile in a user profile

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database 130 (fig. 2, col. 3, lines 27-34). Since a database is a file composed of records, each containing fields; thus a user name, password and the name of company are stored in fields (Computer Dictionary, col. Left, lines 26-29).

The user name, password and the name of the company are represented as information. Each user profile is represented as each record;

"memory means for storing each said record to said storage unit in such a way that customization information is associated with each record" as storing each user profile in a profile database 130, which contains fields. The customization database 115 and the user profile database 130 are combined into a single database. An authorized internal user preferably has accessed to user profiles belonging to one or more authorized external user and the customization database for modifying the custom records which are used to populate the display modules in the external user's portal web pages. The above information shows each user profile is stored in fields of the profile database 130 in such as a way that customization database is associated with each user profile.

Customization database is represented as customization information. Database fields are represented as storage units (col. 3, lines 32-37; col. 4, lines 3-10; col. 2, lines 1-4);

"in which said customization information is defined via said transmitter site as an indication manner of said record" as the authorized internal user accesses to the administrator web site to add, delete or modify the Custom Records in customization database 115. The Custom Records are used to populate the display modules in the external users' portal web pages. Since, the administrator

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administers the web site hosted on processor 110 for sending information to a user terminal; thus the administrator is represented as a transmitter. The administrator web site is represented as transmitter site. The above information shows that custom records are defined by the authorized internal user via the administrator web site as an indication manner of user profiles (col. 3, lines 65-67; col. 4, lines 1-11);

"accepting means for accepting a request for indication of partial information included in said information" as when a user highlight a name and click on Go. Then the table is populated with data obtained according to the custom record associated with the watchlist selected by the user. The above information shows that the system access a request for displaying data included in the watchlist. Displaying the data is represented as indicating the data. The selected name is represented as partial information (col. 6, lines 52-55);

"indicating means for indicating said partial information in an indication manner defined by said customization information associated with said records corresponding to said partial information" as when a user highlight a name and click on Go. Then the table is populated with data obtained according to the custom record associated with the watchlist selected by the user. Custom records are associated with user profiles. The above information shows that the system displays the data in an indication manner defined by customization information corresponding each name in each row constituting the data as partial information (col. 6, lines 52-55; col. 3, lines 35-37; col. 4, lines 565-67).

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As to claim 6, Khemlani teaches the claimed limitation "wherein said customization information includes an indication form of said partial information" as when a user highlights a name and click on Go. Then the table is populated with data obtained according to the custom record associated with the watchlist selected by the user. The table is represented as a form for the name as partial information (col. 6, lines 52-55).

As to claim 9, Khemlani teaches the claimed limitation "wherein said customization information includes a predefined indication item and a customization indication item name defined by a person who needs to indicate said partial information, in such a way that said predefined indication item and said customization indication item name are associated with each other; and said indicating means indicates said partial information expressed by use of said customization indication item name" as Fixed Income, Economic & Other Research module (229, FIG. 2n) can be customized by clicking on Customize Fixed Income Research link (824, FIG. 7). Once clicked, a Fixed Income customization window 826 is provided to the user, as shown in FIG. 7h. Window 826 includes: a search box 828 in which ticker symbols for stocks may be entered; a company name search box 830 in which names of companies used in a search are entered. A Country Selection box 832 which lists a number of countries that can be selected; an Industrial Category Selection box 834 containing a list of various industrial categories in which the search is performed; and an Update button 836, clicking of which will provide the customization

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database with a Custom Record that is used to retrieve information for the module when the user logs on. The above information shows that the customization database or information includes a company name search box 830 and a name of companies used in a search are entered by a user (col. 17, lines 1-15).

As to claim 10, Khemalani teaches the claimed limitation "transmitting means for, to said person who needs to indicate said partial information, transmitting data for prompting for input of said customization indication item name for said indication item; and receiving means for said person who needs to indicate said partial information, receiving said customization indication item name entered for said indication item" as providing the customization database with a custom record to a user after receiving user's entering an item name such as company name (col. 17, lines 5-15).

Claim Rejections - 35 USC § 103

9. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

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10. Claims 1-2, 4 and 11 are rejected under 35 U.S.C. 103(a) as being unpatentable over Call (US 6418441) in view of Khemlani et al (or hereinafter "Khemlani") (US 6772146).

As to claim 1, Call teaches the claimed limitations:

"an method for mediating in a customized form to share information between a transmitter site and a viewer site" as transforming XML data fetched by the server 430 from the manufacture's server 423 and then convert the XML data into XML documents with CSS style sheets. This ability allows a user of a web site to select only a portion of an XML product description document for reproduction on a web page. The above information shows that there is a mediating in XML data to share information between a manufacture's server site and user site. The XML data is represented as a customized form. The manufacture's server site is represented as a transmitter site and the user site is represented as a viewer site (col. 24, lines 12-30; col. 23, lines 24-33; col. 28, lines 43-47),

"employing an information sharing apparatus coupled with an information transmitting apparatus for transferring information and an information viewing apparatus for viewing said information through a network" as displaying stored information in computer server to any user such as resellers or other after a user requests the information shows an information indicating method. The information is transferred by a computer manufacture to the computer server. A computer server is represented as an information sharing apparatus. The manufacture computer is represented as an information transferring apparatus

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for transferring information products to the computer server. Each user computer is represented as an information viewing apparatus (col. 5, lines 60-67; col. 6, lines 55-60; col. 9, lines 5-13);

"said method comprising the steps of: receiving an access from said information transmitting apparatus or said information viewing apparatus by said information sharing apparatus" as in response to a search request from the customer user, the shared sales server 430 provides a list products to the customer or user. The above information shows that the shared sales server 430 receives the request from a user computer. The user computer is represented as said information viewing apparatus (col. 23, lines 15-30; col. 27, lines 25-32);

"storing both an identifier for identifying said transmitting apparatus and customization information for determining an indication form of said information" as receiving and storing a URL and records in a relational database. The URL is translated to IP address that identifies the manufacture computer. Thus, in this case, the URL is used to identify the manufacture computer. The information or company information, which is contained in a registration template record 207, is used to create records in three separate tables in the relational database: a company table, a URL table and a cross-reference table. The above information shows that the company information is customized and stored company table. Thus, the company table, which is used to determine a web page or HTML page for displaying information, is presented as customization information (fig. 2, col. 7, lines 48-52; col. 5, lines 65-67; col. 6, lines 55-60; col. 9, lines 5-13; col. 10, lines 10-15);

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"in such a way that said identifier and said customization information are associated with each other" as receiving and storing a URL and records in a relational database. The information or company information, which is contained in a registration template record 207, is used to create records in three separate tables in the relational database: a company table, a URL table and a cross-reference table. Storing created records in tables 112 and 115 shows that these tables are customized. The above information shows that these tables are stored in such a way that these tables and URL are associated with each other. These tables are represented customization information (fig. 2, col. 5, lines 65-67; col. 6, lines 55-60);

"receiving said information and said identifier from said information transmitting apparatus" as receiving a URL and company information from manufacture computer (col. 5, lines 65-67; col. 6, lines 1-15);

"storing said received information in storage units corresponding to said identifier" as storing URL and company information blocks of tables (fig. 2, col. 6, lines 1-15; col. 6, lines 56-58);

"receiving from said information viewing apparatus a request for viewing partial information included in said stored information" as the cross-reference table 215 can be scanned by the product code translator in response to a request for certain universal product codes only. This request can be a user from the user computer. The above information shows that the product translator receives a request for viewing the product codes only. The product codes are represented as partial information (col. 9, lines 38-40);

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"searching for customization information corresponding to an identifier of said partial information" as the cross-reference table 215 can be scanned by the product code translator in response to a request for certain universal product codes only. This request can be a user from the user computer. The above information shows that the product translator receives a request for viewing the product codes only. The product codes are represented as partial information (col. 9, liens 38-40).

"indicating on said information viewing apparatus said partial information in an indication form determined based on said customization information retrieved as a result of said search" as it can respond to a request for information about a particular participating manufacturer and return to the requester the information in the company table 211 as well as the specification of all of the registered universal product codes assigned to that participating manufacturer and the IP address (or URL) of the location where further information on the products designated by the registered universal product codes may be obtained. Responding the information to a request shows indicating information. The above information shows that the system has included a web page or a HTML page for responding information to a user (col. 8, lines 55-62; col. 9, lines 5-13; col. 10, lines 10-15).

Call does not explicitly teach the claimed limitation "sending a menu information to said transmitting apparatus when said information sharing apparatus accepts said information transmitting apparatus or said information viewing apparatus as a transmitter and when customization has been granted".

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Khemlani teaches a user accesses a web site hosted on processor 110 or server using his/her respective user name and password. When the customization option is selected from the navigation area, the system recognizes whether the user is an authorized internal user or an authorized external user and displays a customization window accordingly. When the user is recognized as an internal user, a Customization window 700 as a page is displayed, which includes a group of administrative customization features as shown in fig. 7. The customize equity watchlist function allows authorized users to add, edit watchlists on a shared basis. Since each time the internal user logons the server, the internal user has to transmit his/her user name and password from his/her computer to the server; thus, the internal user computer or the internal user is called a transmitter. Granting customization to the internal user by displaying the customization window 700 to the internal user that implies the server accepts the internal user computer as a transmitter. The customization window 700 is represented as menu information. The internal user's computer is presented as said information transmitting apparatus. The processor or server is represented as said information sharing apparatus (fig. 1, col. 3, lines 29-35; col. 13, lines 53-59).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply Khemlani's teaching of displaying a page that contains information to an authorized user after the server recognizes the authorized user is an internal user and allowing the authorized internal user to edit or modify the displayed information of the web page to Call's system in order

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to help viewers to find relevance information on different sources in large database easily and quickly via Internet and further reduce the time required for searching information from various information sources.

As to claim 2, Call teaches the claimed limitation "wherein said identifier and said customization information are received from said information transmitting apparatus before said identifier and said customization information are stored in such a way that said identifier and said customization information are associated with each other" as after a server receives a URL and company information before storing URL and company information in a relational database in such a way the URL and company information are associated with each other (fig. 2A; col. 5, lines 6667; col. 6, lines 1-5; col. 6, lines 56-60).

As to claim 4, Call teaches the claimed limitation " wherein an item order of an item constituting said partial information is indicated in such a way that said item order is sorted or changed for said identifier" as services can provide consumers with powerful tools for locating products having selected attributes and for sorting and comparing products based on those attributes. In this way, a consumer can more readily identify particular products, which best suit her needs, can view detailed, accurate and up-to-date promotional and specification information on each product directly from the manufacture. Since products of manufactures are stored in a database and associated with URLs. Thus, when a

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customer can sort and compare products based on those attributes (col. 33, lines 5-10).

As to claim 11, Call teaches the claimed limitations:

"a computer readable memory which stores a program for causing a computer coupled with an information transmitting apparatus for transferring information and an information viewing apparatus for viewing said information through a network" as displaying stored information in computer server to any user such as resellers or other after a user requests the information shows an information indicating method. The information is transferred by a computer manufacture to the computer server. The above information shows that the system has included a memory, which stores a program for displaying stored information in server to a user after a user's request. A computer server is represented as an information sharing apparatus. The manufacture computer is represented as an information transferring apparatus for transferring information products to the computer server. Each user computer is represented as an information viewing apparatus (col. 5, lines 60-67; col. 6, lines 55-60; col. 9, lines 5-13);

"to perform said program when executed causes the computer to perform the steps of: storing both an identifier for identifying said transmitting apparatus and customization information for determining an indication form of said information" as receiving and storing a URL and records in a relational database. The URL is translated to IP address that identifies the manufacture computer. Thus, in this

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case, the URL is used to identify the manufacture computer. The information or company information, which is contained in a registration template record 207, is used to create records in three separate tables in the relational database: a company table, a URL table and a cross-reference table. The above information shows that the company information is customized and stored company table. Thus, the company table, which is used to determine a web page or HTML page for displaying information, is presented as customization information (fig. 2, col. 7, lines 48-52; col. 5, lines 65-67; col. 6, lines 55-60; col. 9, lines 5-13; col. 10, lines 10-15);

"in such a way that said identifier and said customization information are associated with each other" as receiving and storing a URL and records in a relational database. The information or company information, which is contained in a registration template record 207, is used to created records in three separate tables in the relational database: a company table, a URL table and a cross-reference table. Storing created records in tables 112 and 115 shows that these tables are customized. The above information shows that these tables are stored in such a way that these tables and URL are associated with each other. These tables are represented customization information (fig. 2, col. 5, lines 65-67; col. 6, lines 55-60);

"receiving said information and said identifier from said information transmitting apparatus" as receiving a URL and company information from manufacture computer (col. 5, lines 65-67; col. 6, lines 1-15);

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"storing said received information in storage units corresponding to said identifier" as storing URL and company information blocks of tables (fig. 2, col. 6, lines 1-15; col. 6, lines 56-58);

"receiving from said information viewing apparatus a request for viewing partial information included in said stored information" as the cross-reference table 215 can be scanned by the product code translator in response to a request for certain universal product codes only. This request can be a user from the user computer. The above information shows that the product translator receives a request for viewing the product codes only. The product codes are represented as partial information (col. 9, lines 38-40);

"searching for customization information corresponding to an identifier of said partial information" as the cross-reference table 215 can be scanned by the product code translator in response to a request for certain universal product codes only. This request can be a user from the user computer. The above information shows that the product translator receives a request for viewing the product codes only. The product codes are represented as partial information (col. 9, lines 38-40).

"indicating on said information viewing apparatus said partial information in an indication form determined based on said customization information retrieved as a result of said search" as it can respond to a request for information about a particular participating manufacturer and return to the requester the information in the company table 211 as well as the specification of all of the registered universal product codes assigned to that participating manufacturer

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and the IP address (or URL) of the location where further information on the products designated by the registered universal product codes may be obtained. Responding the information to a request shows indicating information. The above information shows that the system has included a web page or a HTML page for responding information to a user (col. 8, lines 55-62; col. 9, lines 5-13; col. 10, lines 10-15).

Call does not explicitly teach the claimed limitation "receiving an access from said information transmitting apparatus when said information sharing apparatus accepts as a transmitter and also as customization granted". Khemlani teaches a user accesses a web site hosted on processor 110 or server using his/her respective user name and password. When the customization option is selected from the navigation area, the system recognizes whether the user is an authorized internal user or an authorized external user and displays a customization window accordingly. When the user is recognized as an internal user, a Customization window 700 as a page is displayed, which includes a group of administrative customization features as shown in fig. 7. The customize equity watchlist function allows authorized users to add, edit watchlists on a shared basis. Since each time the internal user logons the server, the internal user has to transmit his/her user name and password from his/her computer to the server; thus, the internal user computer or the internal user is called a transmitter. Granting customization to the internal user by displaying the customization window 700 to the internal user that implies the server accepts the internal user computer as a transmitter.

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The customization window 700 is represented as menu information. The internal user's computer is presented as said information transmitting apparatus. The processor or server is represented as said information sharing apparatus (fig. 1, col. 3, lines 29-35; col. 13, lines 53-59).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply Khemlani's teaching of displaying a page that contains information to an authorized user after the server recognizes the authorized user is an internal user and allowing the authorized internal user to edit or modify the displayed information of the web page to Call's system in order to help viewers to find relevance information on different sources in large database easily and quickly via Internet and further reduce the time required for searching information from various information sources.

11. Claim 3 is rejected under 35 U.S.C. 103(a) as being unpatentable over Call (US 6418441) in view of Khemlani et al (or hereinafter "6772146") and further in view of Tsimelzon (US 6834306).

As to claim 3, Call and Khemlani discloses the claimed limitation subject matter in claim 1, except the claimed limitation "wherein an item name of an item included in said partial information is indicated in such a way that said item name is changed for said identifier".

Tsimelzon teaches a user can change the name associated with the combopage by entering a new name in area 590. The user can indicate that the contents of the compopage are to be enclosed in an HTML table in area 592.

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When the user clicks a Done button, the client sends the entered information to server, which stores the entered information in connection with the combopage and returns the user to the user's startpage. The entered information or new name is stored in association with a URL. The above information shows that the new name entered in start page is indicated in such a way that the name is changed for a URL. Start page is represented as partial information (fig. 16c; Col.11, lines 20-30).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply Tsimelzon's teaching of a user can change the name associated with the combopage by entering a new name in area 590. The Fuser can indicate that the contents of the compopage are to be enclosed in an HTML table in area 592. When the user clicks a Done button, the client sends the entered information to server, which stores the entered information in connection with the combopage and returns the user to the user's startpage to Call's system and Khemlani's system in order to provide extreme flexibility and implicitly in making changes to a item associated with stored page and further to notify to a user changes in a web page for future processing.

12. Claims 7-8 are rejected under 35 U.S.C. 103(a) as being unpatentable over Khemlani et al (or hereinafter "Khemlani") (US 6772146) in view of Call.

As to claim 7, Khemlani discloses the claimed limitation subject matter in claim 5, except the claimed limitation "receiving means for, from an information transmitting apparatus which transmits said information, receiving said

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information and an identifier for identifying a manager of said information transmitting apparatus; wherein said storing means stores said information in said storage units corresponding to said identifier, and said memory means stores said identifier in such a way that said customization information is associated with said identifier".

Call teaches receiving and storing a URL and records in a relational database. The information or company information, which is contained in a registration template record 207, is used to create records in three separate tables in the relational database: a company table, a URL table and a cross-reference table. Storing created records in tables 112 and 115 shows that these tables are customized. The above information shows that these tables are stored in such a way that these tables and URL are associated with each other. These tables are represented customization information. The URL is represented as identifier (fig. 2, col. 5, lines 65-67; col. 6, lines 55-60);

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply Call's teaching of receiving a URL and company information from a manufacture computer and storing the URL corresponding to each block of tables in a relational database to Khemlani's system in order to allow a user to navigate back to the network address associated with partial information and further to allow a user to know detail information about a provider of partial information

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As to claim 8, Khemlani discloses the claimed limitation subject matter in claim 7, except the claimed limitation "another receiving means for receiving a request for viewing said identifier and said partial information, from an information viewing apparatus capable of viewing said partial information". Call teaches that in response to a user request for more detailed information, the sales server may return a web page containing a XML Xpointer link to detailed product information and/or to an enlarged image of the product. The above information shows that the system receives a request from a user computer for viewing a XML Xpointer link or a URL as an identifier and detailed product information as partial information (col. 23, lines 24-30).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply Call's teaching of in response to a user request for more detailed information, the sales server may return a web page containing a XML Xpointer link to detailed product information and/or to an enlarged image of the product to Khemlani's system in order to allow a user to navigates back to the network address associated with partial information and further to allow a user to know detail information about a provider of partial information.

Conclusion

13. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Baer et al (US 6839701) provides a system for searching a content object (e.g., a custom compilation or pre-published work) and for customizing a content object of a web page (Abstract, figs. 10A-10B, col. 1, lines 45-50). This subject matter is relevance for claims 1-11.

14. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

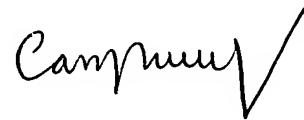
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Contact Information

15. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cam Y T Truong whose telephone number is (571) 272-4042. The examiner can normally be reached on Monday to Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Breene can be reached on (571) 272-4107. The fax phone number for the organization where this application or proceeding is assigned is (571) 272-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Cam-Y Truong
Patent Examiner
Art Unit 2162
10/26/2005